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From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
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To: Ham-Space

Ham-Space Digest                    Thu, 7 Oct 93                    Volume 93 : Issue 48

Today's Topics:

AMRAD Announces the Launch of AMRAD OSCAR-27  
Satellite Help

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>  
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Wed, 6 Oct 1993 02:12:17 GMT  
From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!news.ecn.bgu.edu!  
feenix.metronet.com!marcgb@network.ucsd.edu  
Subject: AMRAD Announces the Launch of AMRAD OSCAR-27  
To: ham-space@ucsd.edu

AMRAD Announces the Launch of AMRAD OSCAR-27

The Amateur Radio Research And Development Corporation (AMRAD),  
of McLean Virginia, is proud to announce the launch and activation of  
a new Orbiting Satellite Carrying Amateur Radio (OSCAR), named  
AMRAD OSCAR 27 (A0-27). Launch occurred at 0145 UTC Sunday, 26  
September aboard the Ariane V.59 mission from the Guyanis  
Space Center in Kourou, French Guiana. AMRAD OSCAR-27 was  
inserted into its orbit approximately 24 minutes later as one of  
seven satellites launched on this mission. AMRAD OSCAR-27 was  
activated on the next orbit as it passed over the command station  
near Washington, D.C., and was heard by AMRAD members throughout  
the area.

AMRAD OSCAR-27 is a secondary amateur communications payload

carried aboard the EYESAT-1 commercial microsatellite built by Interferometrics Inc. of Vienna, Virginia. The amateur equipment aboard the satellite was constructed by members of AMRAD, a technically-oriented, non-profit organization of radio amateurs based in the Virginia suburbs of Washington, D.C., to meet the needs of amateurs for a platform to conduct digital satellite communications experiments. The payload is presently transmitting at 1200 bps AFSK on a frequency of 436.8 MHz on a part-time schedule during the on-orbit checkout and commissioning of the parent EYESAT-1 satellite. AMRAD members will be preparing information for future release on receiving and decoding telemetry from the payload and on the progress of their experiments.

AMRAD congratulates the KITSAT and ITAMSAT teams and the University of Surrey on the launch and activation of their satellites. AMRAD thanks AMSAT-NA for the technical support and encouragement they provided during construction and preparation of the AMRAD OSCAR payload. For further information about AMRAD and the AMRAD OSCAR-27 payload, please contact AMRAD at PO Drawer 6148, McLean Virginia, USA, 22106-6148, or call the AMRAD BBS in McLean, Virginia, at (703)734-1387.

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Date: 6 Oct 93 10:52:11 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Satellite Help  
To: ham-space@ucsd.edu

Hi,  
I wish to move the first steps in satellite work without having to setup a special station but using my hf rig to rx in the 10mt band and uplinking on 2meters.

I've been told that the easier sats to work with this "recycled" setup are the RS series. Now, I know how to find the keplerian elements and the up/downlink freqs for the sats of interest but I still need a program that can tell me basically when should I turn my rig on.

I already have InstantTrack but i can't get it to work because it says it needs the rotator control hardware. I'm almost sure I'm missing something and I'd be glad to have some directions in case this is the right package.

Anyway, also having a pointer (ftp site) to a simpler software (possibly runnable on poor adapters like CGA, HGC) that shows the passing times and az/el coordinates would be very fine.

Thanks, Marco

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